

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

157 NM LASER SYSTEM AND METHOD FOR MULTI-LAYER SEMICONDUCTOR FAILURE ANALYSIS

the specification of which (check one) X is attached hereto or ___ was filed on ___ as Application No. ___ and was amended on ___ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
			Yes	No
Number	Country	Day/Month/Year Filed		
Number	Country	Day/Month/Year Filed		

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) below.

60/172,674	December 20, 1999
Application Number	Filing Date

Application Number	Filing Date
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I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Number	Filing Date	Status: Patented, Pending, Abandoned
Application Number	Filing Date	Status: Patented, Pending, Abandoned

Parameter	Unit	Value	Standard Error	t-Statistic	Probability > t	Lower Tail Probability	Upper Tail Probability
Intercept		1.0000	0.0000	1.0000	0.0000	0.0000	1.0000
Age	Years	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age squared	Years squared	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age cubed	Years cubed	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age quart	Years quart	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age quint	Years quint	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age sext	Years sext	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age sept	Years sept	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age oct	Years oct	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age non	Years non	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age dec	Years dec	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age elev	Years elev	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age twelv	Years twelv	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age thirte	Years thirte	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age fourte	Years fourte	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age fift	Years fift	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age sixte	Years sixte	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age sevent	Years sevent	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age eight	Years eight	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age nine	Years nine	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age ten	Years ten	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age elev	Years elev	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age twelv	Years twelv	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age thirte	Years thirte	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age fourte	Years fourte	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age fift	Years fift	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age sixte	Years sixte	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age sevent	Years sevent	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age eight	Years eight	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age nine	Years nine	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age ten	Years ten	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age elev	Years elev	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age twelv	Years twelv	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age thirte	Years thirte	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age fourte	Years fourte	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age fift	Years fift	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age sixte	Years sixte	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age sevent	Years sevent	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age eight	Years eight	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age nine	Years nine	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age ten	Years ten	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000
Age elev	Years elev	0.0000	0.0000	0.0000	1.0000	0.0000	

Date _____

Post Office Address 1612 Eastlake Way, Weaton, Florida 33326

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
APPLICATION FOR UNITED STATES PATENT

In re Patent Application of)	Group Art Unit:
)	
Michael J. Scaggs)	POWER OF ATTORNEY BY ASSIGNEE AND CERTIFICATE
)	BY ASSIGNEE UNDER 37 CFR § 3.73(b)
Appln. No. New)	
)	
Filed: Herewith)	
)	
For: 157 NM LASER SYSTEM AND METHOD FOR)	
MULTI-LAYER SEMICONDUCTOR FAILURE)	
ANALYSIS)	
)	

Commissioner for Patents
Washington, D.C. 20231

Sir:

Lambda Physik AG, assignee of the entire right title and interest in the above-identified application by assignment dated _____, which assignment is [] recorded in the Patent and Trademark Office at Reel , frame , [] attached hereto, hereby appoints the members of the firm of LIMBACH & LIMBACH L.L.P., a firm composed of:

Karl A. Limbach	18,689	Alfred A. Equitz	30,922	Charles L. Hamilton	42,624
George C. Limbach	19,305	Charles P. Sammut	28,901	Andrew V. Smith	43,132
John K. Uilkema	20,282	Mark C. Pickering	36,239	Eric N. Hoover	37,355
Neil A. Smith	25,441	Patricia Coleman James	37,155	Frank J. Mycroft	46,946
Veronica C. Devitt	29,375	Kathleen A. Frost	37,326	Robert M. McConnell	46,912
Ronald L. Yin	27,607	Alan A. Limbach	39,749	J. Thomas McCarthy	22,420
Gerald T. Sekimura	30,103	Douglas C. Limbach	35,249	Joel G. Ackerman	24,307
Michael A. Stallman	29,444	Seong-Kun Oh*		Roger S. Sampson	44,314
Philip A. Girard	28,848	Kyla L. Harriel	41,816	Susan M. Schmitt	34,427
Michael J. Pollock	29,098	Mayumi Maeda	40,075	Edward B. Weller	37,468
Stephen M. Everett	30,050				

* Recognition under 37 CFR 10.9(b)

as its attorneys with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.

The assignee certifies that it has reviewed the assignment and to the best of the assignee's knowledge and belief, title is in the assignee.

Please direct all correspondence regarding this application to the following:

LIMBACH & LIMBACH L.L.P.
Attn: Alan A. Limbach
2001 Ferry Building
San Francisco, CA 94111

Telephone: (415) 433-4150
Facsimile: (415) 433-8716

Dated: _____

Lambda Physik AG

By: _____
Name: Dr. Michael Semling
Title: _____